GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:2725
ANSWERED ON:20.03.2002
WEATHER MONITORING RADAR
Y.S. VIVEKANANDA REDDY

Will the Minister of SPACE be pleased to state:

(a) whether the Indian Space Research Organisation (ISRO) has developed a new weather monitoring radar that will meet the meteorological needs of the new millennium;

(b) if so, whether this new class of radar would provide precise warnings, enhancing the lead time available for saving lives and property in the event of natural disasters associated with severe weather;

(c) if so, the details thereof; and

(d) the time by which it is likely to become operational?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY O PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIS OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND DEPARTMENT OF SPACE (SMT. VASUNDHARA RAJE)

(a) Yes, Sir.

(b)&(c) This new class of radar will provide information on parameters such as wind structure, potential rainy regions, cloud structure etc., which are useful in providing warnings on severe weather conditions such as, tropical cyclones. The radar can estimate rainfall intensity, rainfall accumulation and track a tropical cyclone over a distance of about 300 to 350 Kms.

(d) The system is likely to become operational by end of year 2002.